

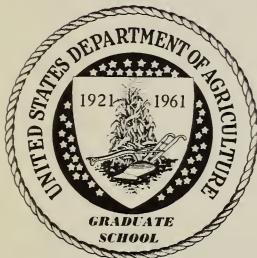
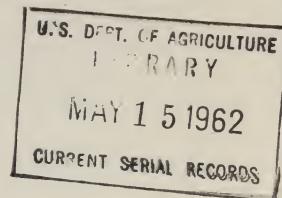
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1962  
*summer  
session  
evening  
courses*



**GRADUATE SCHOOL • U. S. DEPARTMENT OF AGRICULTURE**

Independence Avenue, between 12th and 14th Streets, Southwest, Washington 25, D. C.



*register  
May 28-June 2*

- Courses for High School and College Graduates
- Training for Federal Employees

## REGISTER MAY 28-JUNE 2 — Room 1031, South Building

Monday-Friday 9-6:15 p.m. Saturday 9-4 p.m.

### GENERAL INFORMATION

Classes begin during the week of June 4 and continue for 10 weeks unless otherwise stated in the schedule. All classes meet in the evening. The class rooms are air-conditioned.

**Procedures:** Registration must be completed in person, or by someone acting for the registrant. Registration may not be completed by mail. Transcripts of previous educational records are not required, but graduation from high school or the equivalent is the general prerequisite for all courses. In addition, the more advanced courses have specific prerequisites. These are listed in the course descriptions contained in the catalog. Copies of the catalog are available in the personnel and training offices of agencies of the Federal Government and in the Graduate School office.

**Fees:** The charge for tuition is ordinarily \$12 for each credit hour, payable at the time of registration. Arrangements can be made to pay one half of the tuition at that time, in addition to a \$1.00 service charge. The second payment is due by June 15.

**Late Registration:** After June 2, a \$2.00 late registration fee is charged for each course. Late registrations will be accepted through June 8.

**Course Transfers:** Until June 8, students may transfer from one course to another without extra charge. After that date, there is a transfer fee of \$1.00. Transfers may be made only with the permission of the Registrar.

**Credit-Audit Changes:** The deadline is June 22.

**Academic Credit:** Any student wishing to receive academic credit elsewhere for Graduate School courses should consult in advance with the college or university in which he plans to take a degree.

**Veterans:** Veterans who are applying for entrance to the Graduate School for the first time under Public Law 550 or 634 are urged to consult with the Registrar well in advance of registration week.

**Textbooks:** Textbooks can be purchased at the Graduate School Bookstore, Room 1023, South Building, during the following hours:

Registration Week, May 28-June 2	June 11-22
Monday-Friday 1-6:30 p.m.	Monday-Friday 4:30-6:15 p.m.
Saturday (June 2): 9-4 p.m.	
First week of classes, June 4-8	After June 25
Monday-Friday 1-6:30 p.m.	Monday-Friday 4:30-5:30 p.m.

**Withdrawals and Refunds:** When a student withdraws from a course, a refund is granted in accordance with the following schedule:

Through June 8, tuition less \$5.00 for each course  
June 11-15, 60 per cent of the total tuition only. No other fees refunded.  
June 18-22, 50 per cent of the total tuition only. No other fees refunded.

Notice of withdrawal must be made in writing to the Graduate School office. Forms are available for that purpose. Refunds are computed as of the date that notice of withdrawal is received in the Graduate School office.

**Parking:** Students and faculty may park after 5:45 p.m. in three parking courts on the east and south sides of the Administration Building. There is also space on the Mall, north of the Administration Building.

**Cafeteria:** The cafeteria in the fourth wing of the South Building is open from 5:00 to 6:30 p.m. A pass is required until 5:30 p.m.

**Business Office Hours:** The Graduate School office Room 1031, South Building, 14th Street and Independence Avenue, S.W., Washington 25, D. C., is open from 9:00 a.m. to 6:15 p.m. Monday-Friday. Telephone: DUDley 8-6337.

No.	Course Title (Cr.)	Instructor	Day	Time	Fee	Catalog	Page
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**BIOLOGICAL SCIENCES**

1-96. Systematic Botany of Wild Flowers (non-credit) Cowan Th 6:10-9 \$24 p. 14

**LANGUAGES AND LITERATURE****English—Grammar and Writing**

2-35. English for Secretaries—Rapid Review (non-credit) Jones Th 6:10-9 \$24 p. 18  
 D2-95. Improving Reading Ability (non-credit) Willmore (8 weeks) M-W 6-7:50 \$52 p. 18  
 2-112. Practical English Usage (2) Jones Tu 6:10-9 \$24 p. 18  
 2-119. Vocabulary Building (2) McMillan W 6:10-9 \$24 p. 18  
 2-450. Technical Writing (2) Brett W 6:10-9 \$24 p. 20

**Literature**

2-331. Significant Books of Twentieth Century (2) Ruppert Tu 6:10-9 \$24 p. 21

**Library Techniques**

2-137. Basic Reference Service and Reference Tools (2) Birch W 6:10-9 \$24 p. 23

**Speech**

2-236. Remedial Speech (2) Chambers Tu 6:10-9 \$24 p. 25

**Foreign Languages**

2-63. Main Languages of the World (non-credit) Ornstein W 6:10-9 \$24 p. 26

**French**

2-253B. Elementary French (Second Half) (3) Bargin M-W 6:10-8:10 \$36 p. 26  
 2-68. Reading French—Grammar Review and Vocabulary Building (non-credit) Bargin Tu 6:10-9 \$24 p. 26

2-87. Basic Conversational French (non-credit) Bargin Th 6:10-9 \$30 p. 27

**German**

2-66. Reading Scientific German (non-credit) von Luttichau Th 6:10-9 \$24 p. 28

2-88. Basic Conversational German (non-credit) von Luttichau Tu 6:10-9 \$30 p. 27

**Russian**

2-45. Review of Elementary Russian (non-credit) Scala W 6:10-9 \$24 p. 29

2-295A. Elementary Russian (First Half) (3) Instructor to be announced Tu-Th 6:10-8:10 \$36 p. 29

2-295B. Elementary Russian (Second Half) (3) Scala M-Th 6:10-8:10 \$36 p. 29

2-296A. Intermediate Russian (First Half) (3) Scala Tu-F 6:10-8:10 \$36 p. 29

**Spanish**

2-83. Basic Conversational Spanish I (non-credit) Otero M 6:10-9 \$30 p. 30

2-84. Basic Conversational Spanish II (non-credit) Otero Tu 6:10-9 \$30 p. 30

**Mathematics****MATHEMATICS AND STATISTICS**

3-8. Intermediate Algebra (non-credit) Schrimper M 6:10-9 \$24 p. 32

3-2. Review of Calculus (non-credit) Mitchell Tu-Th 6:10-8:10 \$36 p. 33

3-104. Trigonometry (2) Stearn W 6:10-9 \$24 p. 33

3-206B. Calculus (Second Half) (4) Mitchell M-W 6:10-9 \$48 p. 33

**Statistics**

3-6. Preparatory Mathematics for Introductory Statistics (non-credit) Suter M 6:10-9 \$24 p. 36

3-126A. Elementary Statistics (First Half) (2) Rauchschwalbe Th 6:10-9 \$24 p. 36

3-126B. Elementary Statistics (Second Half) (2) Rauchschwalbe Tu 6:10-9 \$24 p. 36

3-565B. Data Processing on Electronic Computers—UNIVAC II (Second Half) (2) Shimkus Th 6:10-9 \$24 p. 38

3-567A. Data Processing on Medium-Sized Electronic Computers—IBM 650 (First Half) (2) Zeller W 6:10-9 \$24 p. 39

3-567B. Data Processing on Medium-Sized Electronic Computers—IBM 650 (Second Half) (2) Taylor Th 6:10-9 \$24 p. 39

3-585A. Data Processing on Electronic Computers—IBM 1401-1410 (First Half) (3) Street M-W 6:10-8:10 \$36 p. 39

3-585B. Data Processing on Electronic Computers—IBM 1401-1410 (Second Half) (3) Stacy Tu-Th 6:10-8:10 \$36 p. 39

3-586. Input-Output for 7070 (2) Mann W 6:10-9 \$24

**OFFICE TECHNIQUES AND OPERATIONS****Administrative Procedures**

4-101. Everyday Mathematics (2) Mouser Tu 6:10-9 \$24 p. 42

4-108. Administrative Procedure (2) Hickey M 6-8:50 \$24 p. 42

4-114. Federal Personnel Procedure (2) Starns Tu 6:10-9 \$24 p. 43

**Shorthand**

4-89. Review of Gregg Shorthand (Anniversary, 60-80 words) (non-credit) Dow M-Th 6:10-8:10 \$36 p. 45

4-129. Gregg Shorthand I (3) Wick M-Th 6:10-8:10 \$36 p. 45

4-130. Gregg Shorthand II (3) Trottnow M-Th 6:10-8:10 \$36 p. 45

4-225. Gregg Shorthand III (60-80 words) (3) Bell M-Th 6:10-8:10 \$36 p. 46

4-227. Gregg Shorthand V (100-120 words) (3) Butler M-Th 6:10-8:10 \$36 p. 46

**PUBLIC ADMINISTRATION**

6-352A. Principles of Accounting (First Half) (3) Levenberg M-Th 6:10-9 \$36 p. 67

6-352B. Principles of Accounting (Second Half) (3) Carter Tu-Th 6:10-9 \$36 p. 67

### **SOCIAL SCIENCES**

7-710. Abnormal Psychology (3) Fitzpatrick M-Th 6:10-8 \$36  
 (Behavior pathology as background for teachers, supervisors, and others dealing with people in effort to assist in early recognition of emotional disorders and to help improve adjustment of individual in group setting. History and approaches to study of abnormal behavior. Personality development. Causative factors. Diagnostic categories of abnormal behavior. Treatment and prevention of mental illness. Prerequisite: General Psychology.)

7-239. Economics of World Resources (2) Singleton W 6:10-9 \$24

(Survey and appraisal of resources. Various aspects, including nature, man, and culture. Patterns. Nature and place of agricultural resources. Food resources, fiber, tree, and tree crops. Mineral ores and nonmetallic minerals. Energy resources. Special problems.)

### **TECHNOLOGY**

8-682. Elements of Digital Data Processing (2) Milesen M 6:10-9 \$24 p. 80

8-320. Pencil Sketching and Water Color Painting (2) Cupoli M-W 6:10-8 \$30 and \$5 laboratory fee p. 90

8-336. American Art (2) Henderson M 6:10-9 \$24 p. 88

8-70. Popular Photography (non-credit) McCullough W 6:10-9 \$24 p. 90

### **STUDY-DISCUSSION GROUPS**

2-39. Discovering Modern Poetry (non-credit) Tu 6:10-8 \$16

(Exploring new dimensions in verse. Readings and recordings from works of W. H. Auden, T. S. Eliot, Robert Frost, Dylan Thomas, W. B. Yeats, and others. Topics for discussion include: Theme of frustration. Humanist acceptance. Childhood and loss of innocence. What modern poetry means. Modern world as seen by poets.)

5-35. Exploration of the Universe (non-credit) W 6:10-8 \$16

(To help promote general understanding of scientific processes and some philosophical and political issues involved in or resulting from growth of modern science. Topics for discussion include: Nature of science. Scientific method. Creation of universe. Challenge of space age. National response. Technology of space. Values and limitations of science.)

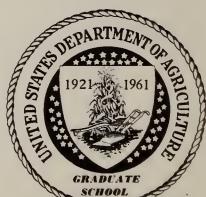
7-20. World Politics (non-credit) Th 6:10-8 \$16

(Understanding issues and events in international arena. Topics for discussion include: What causes war? State and individual. Democracy. Communism. Domination. Self-determination. Power politics and ideology. International organization and world government. Means and ends in world politics.)

### **U. S. DEPARTMENT OF AGRICULTURE**

#### **GRADUATE SCHOOL**

**WASHINGTON 25, D. C.**



**1962 SUMMER SCHEDULE OF CLASSES**